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PTO/SB/21 (07-06)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/542,043
Filing Date	January 16, 2004
First Named Inventor	Charles R. Cantor
Art Unit	To be assigned.
Examiner Name	To be assigned.
Attorney Docket Number	701586-53653

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): See the attached additional enclosures
Remarks The Commissioner is hereby authorized to charge any fee deficiency or credit any overpayment to the Nixon Peabody LLP Deposit Account No. 19-2380.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Nixon Peabody LLP, 100 Summer Street, Boston, MA 02110-2131		
Signature			
Printed name	Ronald I. Eisenstein / Leena H. Karttunen		
Date	October 6, 2006	Reg. No.	30,628 / L0207

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Megan L. Stembridge	Date	October 6, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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TRANSMITTAL FORM (PTO/SB/21) ADDITIONAL ENCLOSURES	Application Number	10/542,043
	Filing Date	January 16, 2004
	First Named Inventor	Charles R. Cantor
	Art Unit	To be assigned
	Examiner Name	To be assigned
	Attorney Docket Number	701586-53653

Certificate of Mailing (1 pg.);
Copy of Notification to Comply with Requirements for Patent Applications
Containing Nucleotide and/or Amino Acid Sequence Disclosures (2 pp.);
Copy of Certificate of Limited Recognition (1 pg.);
Transmittal Form (2 pp.);
Letter in Response to Notification (1 pg.);
Amendment under 37 C.F.R. §1.825 (1 pg.);
Statement to Support Filing and Submission in Accordance with 37 C.F.R.
§§1.821-1.825 (1 pp.);
Paper Copy of Sequence Listing (12 pp.);
Computer readable copy of Sequence Listing (1 disk);
Copy of Information Disclosure Statement submitted to U.S. PTO on July 26,
2006 (15 pp.);
Copy of Stamped Return Receipt Postcard (1 pg.);
Fee Transmittal in duplicate (2 pp.); and
Return Receipt Postcard.



Practitioner's Docket No. 701586-53653

PATENT

IN THE UNITED STATES RECEIVING OFFICE

PCT/US2004/001329	16.01.2004 16 January 2004	17.01.2003 17 January 2003
International Application Number	International Filing Date	International Earliest Priority Date

TITLE OF INVENTION:

HAPLOTYPE ANALYSIS

APPLICANT(S) FOR EO/DO:

The Trustees of Boston University

INVENTOR(S)/APPLICANT(S) FOR US:

Charles R. Cantor and Chunming Ding

U.S.S.N.:

10/542,043

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5. Letter in Response to Notification (1 pg.);
6. Amendment under 37 C.F.R. §1.825 (1 pg.);
7. Statement to Support Filing and Submission in Accordance with 37 C.F.R. §§1.821-1.825 (1 pp.);
8. Paper Copy of Sequence Listing (12 pp.);
9. Computer readable copy of Sequence Listing (1 disk);
10. Copy of Information Disclosure Statement submitted to U.S. PTO on July 26, 2006 (15 pp.);
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12. Fee Transmittal in duplicate (2 pp.); and
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Date: October 6, 2006

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Signature

Megan L. Stembridge
(type or print name of person certifying)



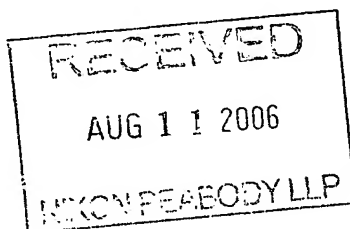
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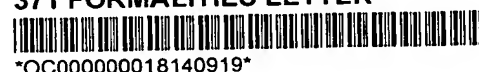
U.S. APPLICATION NUMBER NO. 10/542,043	FIRST NAMED APPLICANT Charles R Cantor	ATTY. DOCKET NO. 701586-53653
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INTERNATIONAL APPLICATION NO. PCT/US04/01329		
<table border="1"> <tr> <td>I.A. FILING DATE 01/16/2004</td> <td>PRIORITY DATE 01/17/2003</td> </tr> </table>	I.A. FILING DATE 01/16/2004	PRIORITY DATE 01/17/2003
I.A. FILING DATE 01/16/2004	PRIORITY DATE 01/17/2003	

50187
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CONFIRMATION NO. 8687
 371 FORMALITIES LETTER



Date Mailed: 08/08/2006

NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Additionally the following defects have been observed:

- The International Search Report has not be supplied, the Search Fee has been adjusted to reflect this omission.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN M WILLIAMS

Telephone: (703) 308-9140 EXT 213

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/542,043	PCT/US04/01329	701586-53653